

# USPS Pricing Engine SDK

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August 16, 2018

## Summary

This is the Domestic and International Pricing Engine (version 11.6.4.0) for the August 9, 2018 Release. The following is a list of enhancements included in this release.

### Failed Call to the WebTools Web Service API

A defect was detected where in the case the WebTools ShippingAPI returns a response the engine does not understand, the engine will declare the ZIP Codes are invalid. Below is an example of an XML response we received.

```
<Error>
  <Number>80040B19</Number>
  <Description>XML Syntax Error: Please check the XML request to see if it can be parsed.</Description>
  <Source>USPSCOM::DoAuth</Source>
</Error>
```

This has been corrected. The engine will return the ZIP Code is valid, IsValid = True, but the City and State names will be blank. This will not impact rate calculations for zone based mail services. These calculations are based upon the the first three digits of the ZIP Code and do not require a valid 5 digit ZIP Code.

### Price Engine Entry Point / Sortation Defect

This corrects a sorting issue with USPS Marketing Mail and Parcel Select price categories.

### New Customer maps

New customer maps for customers 011B8, 011P8, 025B8, and 025P8 have been created for domestic and international services. Please review the Customer Type Maps spreadsheet to learn of their services. The spreadsheet is located on this site under Downloads.

## Impact on Existing Applications

You will not have to rebuild your applications.

## Instructions

1. Copy the DLLs
2. Execute the SQL scripts

## Contents

Description	File
<b>Folder</b>	Libraries
<b>Rate Engine Framework*</b>	RateEngine_Framework.dll
<b>Business Framework</b>	RateEngine_Business.dll
<b>Domestic Business Rate Engine</b>	RateEngine_DomBusiness.dll
<b>International Business Rate Engine</b>	RateEngine_IntlBusiness.dll
<b>Service Delivery Extensions</b>	ServiceDeliveryExtensions.dll
<b>Customs Forms Engine</b>	CustomsFormsEngine.dll
<i>*Library has been updated since the last SDK release</i>	
<b>Folder</b>	Database
<b>Batch file</b>	Sql_update.bat (optional). Will execute the domestic and/or international database scripts deployed.
<b>Text file</b>	README.txt explains the use of the Sql_update.bat file.
<b>Folder</b>	Domestic
<b>SQL Script</b>	CreateClient_eVS_011B8.sql
<b>SQL Script</b>	CreateClient_eVS_011P8.sql
<b>SQL Script</b>	CreateClient_eVS_025B8.sql
<b>SQL Script</b>	CreateClient_eVS_025P8.sql
<b>SQL Script</b>	D-31619.sql
<b>Folder</b>	International
<b>SQL Script</b>	CreateClient_eVS_011B8.sql
<b>SQL Script</b>	CreateClient_eVS_011P8.sql
<b>SQL Script</b>	CreateClient_eVS_025B8.sql
<b>SQL Script</b>	CreateClient_eVS_025P8.sql
<b>Release Notes</b>	USPS Pricing Engine SDK 11_6_4_0.pdf

## Reported Defects and Change Request

Description	Type of Change
D-31709 Postcalc displays invalid zip for all zip codes The price engine has been updated to handle unexpected, non-application messages from the WebTools ShippingAPI (system error messages).	Correction
D-31708 Price Engine Entry Point / Sortation Defect Correct sortation for: <ul style="list-style-type: none"> <li>81 - Standard Mail Nonprofit Irregular Parcels DNDC SCF</li> <li>81 - Standard Mail Nonprofit Irregular Parcels DSCF SCF</li> <li>82 - Parcel Select Lightweight Irregular DNDC SCF</li> <li>82 - Parcel Select Lightweight Irregular DSCF SCF</li> </ul>	Correction
B273852 Map Updates – Create New Client Mappings for WebTools: 011B8, 011P8, 025B8, and 025P8	New

